

Beta-2 MICROGLOBULIN (B2M) AND B2M RELATED GENE PRODUCTS FOR THE  
REGULATION OF OSTEOARTHRITIS PATHOGENESIS AND CHONDROCYTE  
PROLIFERATION

ABSTRACT

The invention relates to the discovery of the role of beta-2 microglobulin (B2M) in the  
pathogenesis of osteoarthritis (OA) and the ability of B2M to inhibit chondrocyte  
proliferation. The invention further relates to the identification of genes regulated by B2M  
5 (the “B2M related genes”).